

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1208DXJ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS	40	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS	41	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	42	Feb 13	CANCERLIT is no longer being updated
NEWS	43	Feb 24	METADEX enhancements
NEWS	44	Feb 24	PCTGEN now available on STN
NEWS	45	Feb 24	TEMA now available on STN
NEWS	46	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	47	Feb 26	PCTFULL now contains images

NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 50 Mar 20 EVENTLINE will be removed from STN
NEWS 51 Mar 24 PATDPAFULL now available on STN
NEWS 52 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:12:21 ON 26 MAR 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:12:26 ON 26 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2017 AND 2006

L1 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\09978454.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

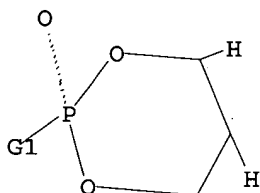
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2017 AND 2006

L2 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3

SAMPLE SEARCH INITIATED 09:12:42 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 119 TO ITERATE

100.0% PROCESSED 119 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1726 TO 3034

PROJECTED ANSWERS: 4 TO 200

L4 4 SEA SSS SAM L2 AND L1

=> s l3 full

FULL SEARCH INITIATED 09:12:49 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2093 TO ITERATE

100.0% PROCESSED 2093 ITERATIONS

87 ANSWERS

SEARCH TIME: 00.00.01

L5 87 SEA SSS FUL L2 AND L1

=> d lc

<C

09/978,454

Page 4

L5 ANSWER 1 OF 87 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS, TOXCENTER

<C

09/978,454

Page 5

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

149.83

150.04

FILE 'MEDLINE' ENTERED AT 09:13:00 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:13:00 ON 26 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 09:13:00 ON 26 MAR 2003

COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'USPATFULL' ENTERED AT 09:13:00 ON 26 MAR 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 09:13:00 ON 26 MAR 2003

COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

=> s 15

L6

61 L5

=> dup rem 15

DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.

FILE 'REGISTRY' ENTERED AT 09:13:13 ON 26 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9
DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>
PROCESSING COMPLETED FOR L5

L7 87 DUP REM L5 (0 DUPLICATES REMOVED)

<C

09/978,454

Page 7

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

161.47

FILE 'MEDLINE' ENTERED AT 09:13:37 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:13:37 ON 26 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 09:13:37 ON 26 MAR 2003

COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'USPATFULL' ENTERED AT 09:13:37 ON 26 MAR 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 09:13:37 ON 26 MAR 2003

COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

=> s 15

L8 61 L5

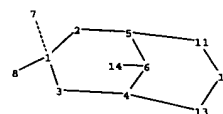
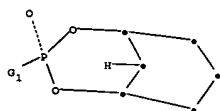
=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 58 DUP REM L8 (3 DUPLICATES REMOVED)

=> d ibib ab hitstr 1-

YOU HAVE REQUESTED DATA FROM 58 ANSWERS - CONTINUE? Y/(N):y



chain nodes :

7 8 14

ring nodes :

1 2 3 4 5 6 11 12 13

chain bonds :

1-7 1-8 6-14

ring bonds :

1-2 1-3 2-5 3-4 4-6 4-13 5-6 5-11 11-12 12-13

exact/norm bonds :

1-7 1-8

exact bonds :

1-2 1-3 2-5 3-4 4-6 4-13 5-6 5-11 6-14 11-12 12-13

isolated ring systems :

containing 1 :

G1:C,O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:CLASS 12:Atom
13:Atom 14:CLASS

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1208DXJ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available
NEWS 39 Jan 21 NUTRACEUT offering one free connect hour in February 2003
NEWS 40 Jan 21 PHARMAML offering one free connect hour in February 2003
NEWS 41 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 42 Feb 13 CANCERLIT is no longer being updated
NEWS 43 Feb 24 METADEX enhancements
NEWS 44 Feb 24 PCTGEN now available on STN
NEWS 45 Feb 24 TEMA now available on STN
NEWS 46 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 47 Feb 26 PCTFULL now contains images

NEWS 48 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 49 Mar 19 APOLLIT offering free connect time in April 2003
NEWS 50 Mar 20 EVENTLINE will be removed from STN
NEWS 51 Mar 24 PATDPAFULL now available on STN
NEWS 52 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 53 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:51:58 ON 26 MAR 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:52:21 ON 26 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

<C

09/978,454

Page 3

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2006 AND 2017

L1 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\099784542.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

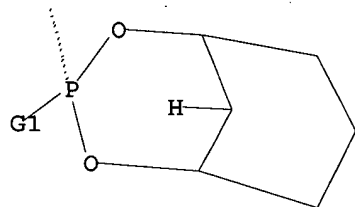
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2006 AND 2017

L2 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3

SAMPLE SEARCH INITIATED 09:53:41 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2 TO 124

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> s l3 full

FULL SEARCH INITIATED 09:53:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

L5 3 SEA SSS FUL L2 AND L1

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.95

149.16

FILE 'MEDLINE' ENTERED AT 09:53:52 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:53:52 ON 26 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 09:53:52 ON 26 MAR 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'USPATFULL' ENTERED AT 09:53:52 ON 26 MAR 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 09:53:52 ON 26 MAR 2003
COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
4.07	153.23

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:53:56 ON 26 MAR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9
DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNnote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d 15 lc 1-

YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

<C

09/978,454

Page 5

L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS

L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS

L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS
LC STN Files: CA, CAPLUS

<C

09/978,454

Page 6

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.44

158.67

FILE 'MEDLINE' ENTERED AT 09:54:16 ON 26 MAR 2003

FILE 'CAPLUS' ENTERED AT 09:54:16 ON 26 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 09:54:16 ON 26 MAR 2003

COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'USPATFULL' ENTERED AT 09:54:16 ON 26 MAR 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 09:54:16 ON 26 MAR 2003

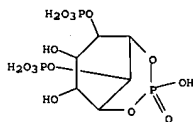
COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

=> s l5

L6 1 L5

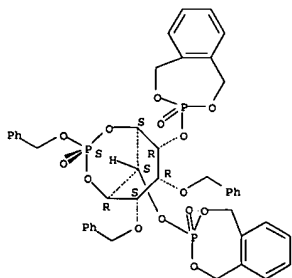
=> d ibib ab hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:317137 CAPLUS
 DOCUMENT NUMBER: 129:81900
 TITLE: Synthesis of myo-inositol 4,6-cyclic,1,5-trisphosphate, a conformationally restricted analog of myo-inositol 1,4,5-trisphosphate
 AUTHOR(S): Ballereau, Stephanie; Poirier, Stephane N.; Guillemette, Gaetan; Spiess, Bernard; Schlewer, Gilbert
 CORPORATE SOURCE: Laboratoire de Pharmacochimie de la Communication Cellulaire ERS 655 du CNRS, Faculté de Pharmacie, Illkirch, 67401, Fr.
 SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1998), (11), 1859-1864
 CODEN: JCPRB4; ISSN: 0300-922X
 PUBLISHER: Royal Society of Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Myo-Inositol 4,6-cyclic,1,5-trisphosphate (I) has been prep'd. starting from myo-inositol. The suitably protected intermediates, obtained by judicious selective protections and deprotections, have been phosphorylated. Final one-pot deprotection gives the expected, conformationally restricted, analog of myo-inositol 1,4,5-trisphosphate. The physico-chem. behavior of this deriv. could explain its biol. inactivity. No competitive inhibition of [3H]Ins(1,4,5)P3 binding was obs'd. with I at 10-11-10-5 M.
 IT 209068-74-6P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis of myo-inositol 4,6-cyclic,1,5-trisphosphate, a conformationally restricted analog of myo-inositol 1,4,5-trisphosphate)
 RN 209068-74-6 CAPLUS
 CN myo-Inositol, cyclic 4,6-(hydrogen phosphate) 1,5-bis(dihydrogen phosphate) (9CI) (CA INDEX NAME)



IT 209068-90-6P 209068-92-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (synthesis of myo-inositol 4,6-cyclic,1,5-trisphosphate, a conformationally restricted analog of myo-inositol 1,4,5-trisphosphate)

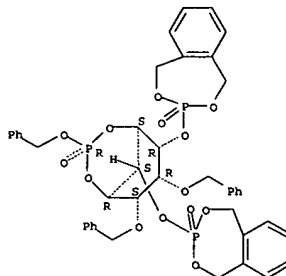
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)
 RN 209068-90-6 CAPLUS
 CN D-myo-Inositol, 1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (R)-phenylmethyl phosphate, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 209068-92-8 CAPLUS
 CN D-myo-Inositol, 1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (S)-phenylmethyl phosphate, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

<C

09/978,454

Page 8

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

8.84

167.51

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.65

-0.65

FILE 'REGISTRY' ENTERED AT 09:55:43 ON 26 MAR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

DICTIONARY FILE UPDATES: 25 MAR 2003 HIGHEST RN 500688-79-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

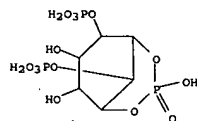
Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27. Searching Properties

<C

09/978,454

Page 9

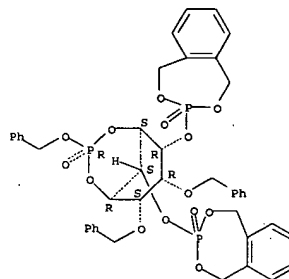
L5 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN myo-Inositol, cyclic 4,6-(hydrogen phosphate) 1,5-bis(dihydrogen
phosphate) (9CI)
MF C6 H13 O14 P3



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

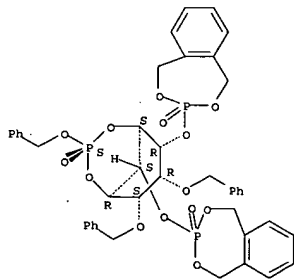
L5 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN D-myo-Inositol,
1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-
3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (R)-phenylmethyl phosphate, rel-
(9CI)
MF C43 H43 O14 P3

Relative stereochemistry.



L5 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN D-myo-Inositol,
1,5-bis-O-(1,5-dihydro-3-oxido-2,4,3-benzodioxaphosphepin-
3-yl)-2,3-bis-O-(phenylmethyl)-, cyclic (S)-phenylmethyl phosphate, rel-
(9CI)
MF C43 H43 O14 P3

Relative stereochemistry.



ALL ANSWERS HAVE BEEN SCANNED